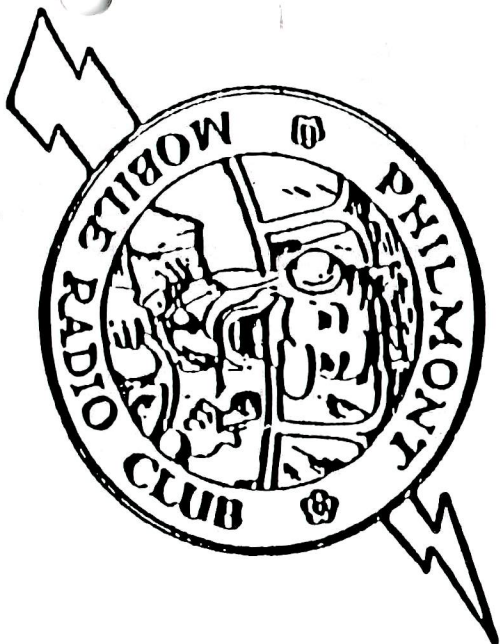
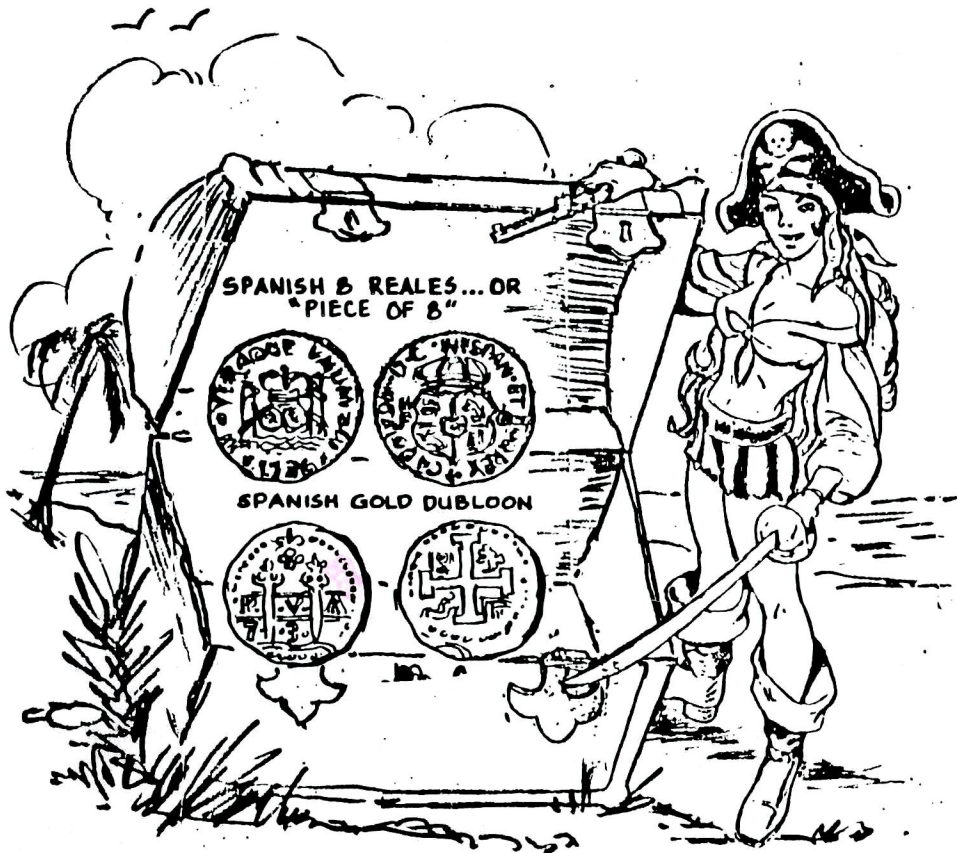
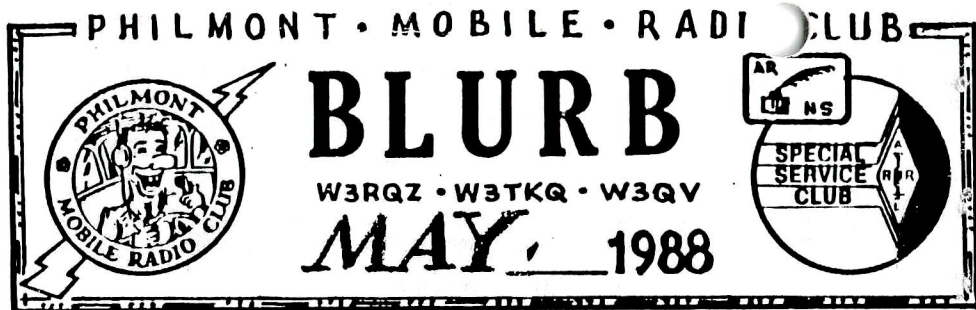


FIRST CLASS MAIL



the blurb
A Philmont Mobile Radio
Club Publication
125 Keeley Avenue
New Britain, PA 18901

JACK HARING
VIRGINIA J. HARING
2113 EDGEHILL DRIVE
FURLONG PA
W3IIM
R
W3IIN
R
18925



Pieces of eight

is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. Our purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!
Amateur Radio License Examinations - Every meeting night at 6:30 PM.

CLUB INFORMATION

- 24 Hour Information Number at W3TKQ -

(215) 448-1139

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 Mhz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3888

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PMG

W3TKQ Operators: W3AAL, Fred; W3ABS, John; W3TEF, Frank; W3PJC, Jack; W3PMG, Rollie

OFFICERS

PRESIDENT: W3EAY, Bob Ricker, P.O. Box 93, Zieglerville, PA 19492

VICE PRESIDENT: W3CHM, Bill Mesanti, 405 E. Rively Ave., Aldan, PA 19018

SECRETARY: W2RM, Bob Moore, 90 Rose Rita Terrace, Hammonton, NJ 08037

TREASURER: W3JIV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

DIRECTORS

W38ET (A); W3IIM (A); W3IIN (A); W3JW (89); W3KUD (89); W3VVS (88); W3ZPP (88)

COMMITTEES

Archives:	W3IIM	Mo-Com 5:	W3DHI	Social Events:	
Awards:		Net Control:		Special Events:	
BLURB:	W3PST	Program:	W3CHM	Sunshine:	
Directory:	W3KQJ	Publicity:	W3EAY	VE Program:	W3JN
DX:	W3AJN	Refreshments:	W3EAY	W3TKQ:	W3PMG
Membership:	W3IIM	Repeater & Tech:	W3888	Welcome:	W3VVS

BLURB STAFF

Editor: W3PST, Woody Haldeman, 125 Keeley Ave., New Britain, PA 18901
(215) 345-1890

Artist: Sam Kunceovich

Assistant Editors: W3IIM & W3KQJ

Typist: W3IIM

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting.

PHIL-MONT's Net Schedule

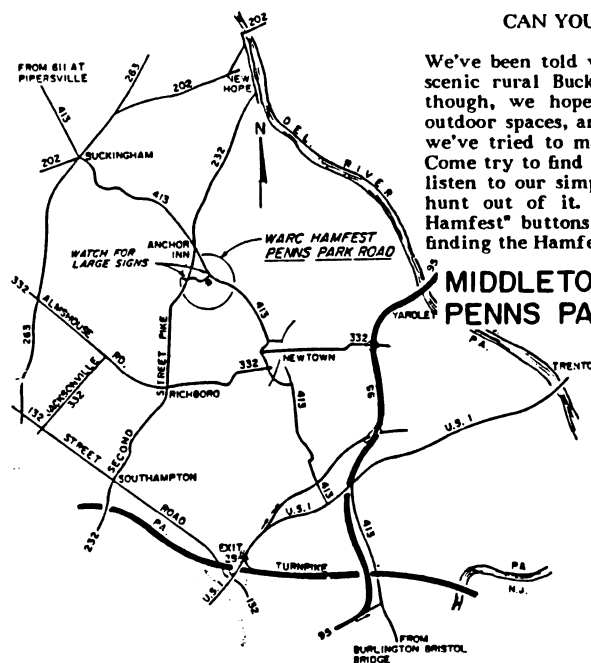
SUNDAY	TUESDAY	WEDNESDAY
09:30 147.030 MHz FM	20:00 147.030 MHz FM	20:00 147.030 MHz FM
10:00 28.400 MHz SSB	Personalized CW	Swap Net
10:20 3.993 MHz SSB	Practice Net	

14th ANNUAL WARMINSTER AMATEUR RADIO CLUB INC. HAMFEST

SUNDAY MAY 15th, 1988 - INDOORS & OUTDOORS

OPEN AT 7 AM (VENDORS AT 6 AM) RAIN OR SHINE

CAN YOU FIND THE WARC HAMFEST??



We've been told we're tough to find. If a drive through scenic rural Bucks County isn't enough to attract you, though, we hope new equipment vendors, indoor and outdoor spaces, and a large flea market will. This year, we've tried to make this the best WARC Hamfest ever. Come try to find us! If you like, you can ignore the map, listen to our simplex talk-in on 146.52, and make a fox hunt out of it. We'll even give "I Found the WARC Hamfest" buttons to the first 500 people who succeed in finding the Hamfest site!

MIDDLETOWN GRANGE FAIR GROUNDS
PENNS PARK RD. WRIGHTSTOWN, PA.

- FOOD AND DRINK AVAILABLE
- POSTAL REGULATIONS DO NOT PERMIT MENTION OF PRIZES
- APPROXIMATELY 80 INDOOR SPACES AND UNLIMITED OUTDOOR SPACES
- DONATION \$3.00 PER PERSON (XYL'S AND CHILDREN FREE)
- OUTDOOR TAILGATING SPACE AVAILABLE AT \$5.00 PER SPACE
- \$5.00 PER INDOOR SPACE WITH 8 FT. TABLE WHILE AVAILABLE

TALK-IN ON 147.69/09 REPEATER OR 146.52 SIMPLEX

"AT PRESS TIME"..... THE FOLLOWING VENDORS HAVE INDICATED THEIR INTENTION TO ATTEND.

HAMTRONICS - TREVOSE, PA.

KJI ELECTRONICS - CEDAR GROVE, N.J.

AMATEUR & ADVANCED COMMUNICATIONS - WILMINGTON, DEL.

THE PX SHACK - BELLEMEAD, N.J.

For Hamfest Info. & Preregistration Contact:
Frank Charlton KA3FBP (215) 675-2549
1479 Kingsley Drive, Warminster, Pa. 18974.



APPROVED

WARC HAMFEST PREREGISTRATION

NAME _____ CALL _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
NO. OF PERSONS X \$3.00 = _____
NO. OF SPACES X \$5.00 = _____
TOTAL = _____

HamFest

MAY 1st 1988

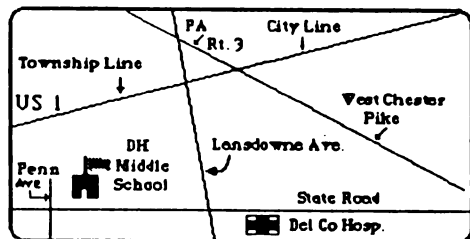
Rain or Shine

Sponsored by

Drexel Hill Middle School Amateur Radio Club &
The Delaware County Amateur Radio Association

Location:
Drexel Hill Middle School
State Road & Penn Ave.
Drexel Hill, PA 19026

Admission Donation: \$3.00
Spouse & Children under 18: Free
Doors open at 8AM



1-95 North Via 1-95 South
420 North Bartram Ave Exit
320 North Right-Island Ave. to left
US 1 North Main Street - Darby
becomes Lansdowne Ave.

Talk-in on 147.36 C/L 224.50 Mhz

Tours of the school's "Ham Shack"
will be available.

Table Reservations accepted thru 4/16/88

HamFest
Drexel Hill Middle School
Drexel Hill, PA 19026

Info: 215/535-1616

Note - Sponsors have exclusive food sales.
Sale of Computer PDS limited to
local clubs.

Sellers

Inside: Set up 7AM
\$5.00 per 5 ft. table
(picnic style table)
110v electricity available
(bring your own cord)
Pre-paid reservations held until 9AM
Tailgate - Free! (First come basis)

V.E TEST LOCATIONS from EPA FEEDLINE

BRYN MAWR
Bob Haase, W3SA
(215) 293-1919

CENTER CITY
May 2, June 6
Ramona Dabagian, KN3N
(215) 448-1139

COLMAR
Stu Silverstein, K3UEI
(215) 584-0775

LEVITTOWN
May 5
Dave Heller, K3TX
(215) 736-3333

NEWTOWN SQUARE
John Chester
(215) 544-3837

WARMINSTER
May 25
Tom Michaud, W3TQJ
(215) 343-3494

SAME OTHER CORNER
THE PILLAR DOLLAR OR EIGHT REALS...
ALSO THE 'PIECE OF EIGHT. THE SPANISH
SILVER DOLLAR. WHEN BROKEN IN HALF AS
'4 BITS' OR IN QUARTERS AS '2 BITS' THE
TERM STILL USED TODAY FOR THE QUARTER
AND HALF DOLLAR.. FEW TODAY KNOW
WHY OR HOW THAT TERM CAME INTO
BEING.... NOW, YOU KNOW.

The February 1988 meeting of the Phil-Mont Mobile Radio Club held on the fifth floor of the Franklin Institute on February 1, 1988 was called to order by your President, N3EAY promptly at 8PM. On hand were 21 members, and visitors as follows: Sal Valente; N3FVW, DF9WM, Ed Zavorski, George De Simone; K3YOD, Jerome G. Newman; KB2EQS/AG, William Coleman; KA3RKZ, And Ed Bradley (not, it is believed, of CBS News); N3FAP.

KB3IV presented the Treasurers report and there were no irregularities noted so it was approved as read. He also presented a copy of the ARRL Field Resources Book to Rolly for W3TKQ. That was presented as a gift from Trevoze Electronics, "Hamtronics". He also reminded the multitude that by becoming a member of ARRL, or by renewing membership to same, which includes monthly QST's, Phil-Mont receives \$5.00 and \$2.00 respectively.

Other Committee Reports:

TKQ (by W3PWC)

Fleischer Teletype unit went west/south (It Doesn't work) and loop supply transformer was damaged. Heath Scope is bad and a replacement is desired. He also reported that \$47.00 worth of postage was used for Bicentennial QSL Cards for contacts from W200TKQ back in December.

Technical (by W3BBB)

Jim needs hoods for RG58U cable. Progress is being made on UHF gear for repeater. He is waiting for crystals. He also needs UHF cavities, and needs them before UHF gear can be operational. Mocom is still there.

Social events

April 13 (since changed to April 20) will be the date for the Joint Dinner Meeting with the Delmont Radio Club. It may be held on April 20th however. It will be held at The Homestead. Stay tuned.

Membership (W3IIN)

Dusty Rhodes, and Sal Valente, N3FVW were given membership badges.

The Delaware Valley Council of Amateur Radio Clubs is looking for some Bannana Chasers. Contact them directly or see N3EAY.

It was reported that in the "E. Pa. Feedline" that the Penn Mars Club, which runs the 147.33 repeater, will participate in an reenactment of the Battle of Gettysburg during the weekend of Field Day. Phil-Mont was listed in the publication due to its having a W200 call.

New Business

WA3AUN proposed that smoking be prohibited at the meeting. Since there was not a quorum at the meeting, it will be discussed at mid month.

WB3CMM wants volunteers to give talks on wire antennas at the March Meeting. He then introduced WA3AUN who gave a talk on a growing field of mobile operation using a VHF/UHF link to operate his High Frequency station as a Remote Base.

Volunteer Exams Report (Ramona, KM3N)

There were 11 examinees and only 1 failure. One 10 year old passed the Technician Class. She is looking for accredited examiners. If you have an Extra class license see her about becoming a Volunteer Examiner "V.E." If you don't have an Extra go to the testing session to get one.

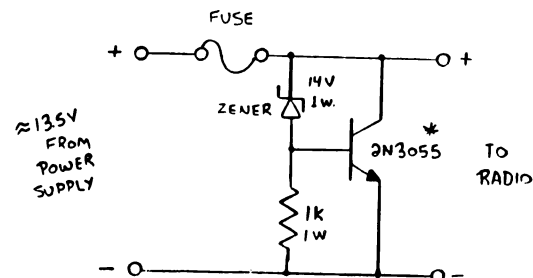
Meeting was adjourned at 9:40 pm.

Respectfully Submitted

Robert R. Moore, N2RM, Secretary

TECH-NI-GRAM

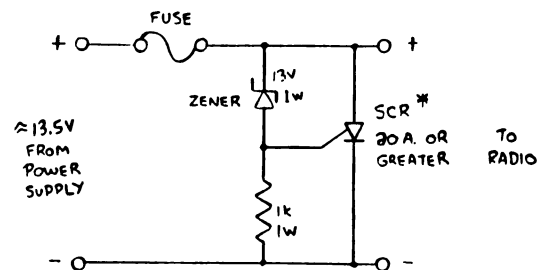
POWER SUPPLY OVER-VOLTAGE PROTECTION



THIS CIRCUIT WILL CLAMP AT ≈14.7V

* TRANSISTOR MOUNTED ON A HEATSINK

NOTE - THE FUSE SHOULD BE SLIGHTLY HIGHER THAN THE NORMAL CURRENT DRAWN FROM THE SUPPLY.



THIS CIRCUIT WILL TRIGGER THE SCR AND SHORT THE OUTPUT TO GND AT ≈14.5V

* SCR MOUNTED ON A HEATSINK

2/9/88
K3ND

SWIPED FRANKFURD
FROM NEW3LETTER

VIRUSES from LAN Magazine

Viruses are the newest security threat on Local Area Networks (LANs). A virus, also called a "Trojan horse", is a small program that invisibly works its way into a computer's operating system, causing any of a number of harmful side effects, especially to disks. Viruses are usually "attached" to a program, often one retrieved from a public bulletin board (or copied from your friend's diskette -ed). Viruses work in a variety of ways. One species waits until you use any of the Interrupt Request Lines (IRQs), such as when you call on COMMAND.COM. Then the virus automatically examines what disks are on the system and whether they have COMMAND.COM. If the virus finds another COMMAND.COM, it migrates to it.

Suppose a program on your floppy disk has a virus, you have a hard disk machine and you are on the LAN. The virus copies itself first to your hard disk's COMMAND.COM and then to the file-server's COMMAND.COM. At the same time the virus sets up a counter. When the counter reaches a specific number, it will execute a deadly command, like deleting all your files and wiping out your File Allocation Table (FAT) and boot sector. Since you are on a LAN, it has already transferred itself to the server. The same drastic command will take down the server, and the whole LAN.

How do you know if this killer is on your system? One indication is a program that is a few bytes larger than it should be. An easier way is to look at the file's date stamp. If the date is recent but you have not touched it for a year, then there is something wrong.

Viral effects are disastrous. You can lose your backups as well as your originals. When the system goes down, you reload from the backup. Since the backups have probably been made after

What's a Gigahertz?

from the BRATS' MILLIWATT
and ICOM Novice World

Contrary to first impressions, gigahertz isn't the name of a new auto rental agency, or the yelp of an Italian frog in the night. It is, however, a metric measure of frequency in cycles per second. 1000 cps (an audible tone) is also 1 kilohertz. 1000 kilohertz (a frequency in the middle of the standard AM radio broadcast band) is also 1 megahertz (1 million cps). 1000 megahertz (1 billion cps) is also 1 gigahertz. Get the idea?

During the 1960s, cycles were renamed to HERTZ in honor of Hendrich Hertz, the founder of Hertzian waves. Radio amateurs and shortwave communicators, however, quickly recognize Giglielmo Marconi as the true inventor of the wireless (radio). Our proud, and gusto, ancestor simply had the wrong name. Can you imagine a radio calibrated in kilomarconis?

the virus was on the system, they are infected. To get rid of this menace you must completely clear the computer's memory. Then re-initialize disks with an external electromagnetic unit. Or, copy DOS (from the original manufacturer's diskettes -ed) onto another machine. Leave the PC off for at least 20 minutes until the RAM is completely drained of all electrical charge. Then power up and write zeroes in every sector on the hard disk.

Viruses aren't the fantasies of a J. Edgar Hoover fanatic. NASA had one. Lehigh and Delaware Universities had viruses. (also the University of PA -ed) They're real!

MINUTES DIRECTORS MEETING MARCH 1988

N3EAY called the meeting to order somewhat after 8PM at the home of W3IIN and W3IIM. Attending the meeting were N3EAY, W3IIN, W3IIM, N3DHI, K3GBA, KB3IV, and N2RM.

KB3IV reported that the Treasury is still growing. It was agreed that the "Blurb" should not be sent out to anyone who had not sent in their dues by March 15th.

Membership Committee (W3IIN)

George De Simone, K3YOD's membership was voted on and was approved unanimously.

MOCOM (N3DHI)

Rick reported that a 65 amp alternator had been obtained from W3LEM. He also indicated that there may be a water pump problem. He is looking to get a group together for the annual Spring Washing of Mocom on an April or May Saturday.

Social Committee

On April 20th there will be a Joint Dinner Meeting with the DelMont Radio Club at the Homestead. Cocktails at 6:30 pm and Dinner at 7:30 pm. \$15.00 per head. A head count is needed by the 18th of April.

Committee Appointments (N3EAY)

Bob announced his appointments as follows:

Blurb W3PST
Directory WB3KOJ
DX WA3AUN
Membership W3IIN
Mocom N3DHI
Historical Archives W3IIN
Program WB3CHM
Refreshments N3EAY
Repeater & Technical W3BBB
W3TKQ W3PWG
Welcoming W3VVS
Awards Open
Net Control Probably W3ZPP
Publicity Open
Social Events Open
Public Service & Special Events Open

W3IIM suggested a Sunshine Committee to send out cards, etc.

Changes in the Nets were discussed, including a possible format so anyone could pick up a net if the scheduled net control did not show up.

Other topics of discussion included Phil-Mont's getting publicity for events such as the Bicycle races it participates in.

Meeting was adjourned at 10:13pm and refreshments were enjoyed by all.

Respectfully Submitted

Robert R. Moore, N2RM, Secretary

MINUTES
GENERAL MEETING
APRIL 1988

WB3CMM called the meeting to order at 8PM on April 4, 1988 at the Franklin Institute. In attendance were 29 members and 7 guests. The guests were John Woestman, K3LYR; Paul Truax, N2HXZ; the Troutman's, Robert T., KA3RZW/AE; Joseph, KA3RZX; and Thomas, KA3RZM; Virginia A. Macrie, KA2ZZA; and David Wertz.

KB3IV's Treasurers report showed that for the past month expenses exceeded income.

It was reported that the Joint Dinner Meeting with Del Mont will occur on April 20th.

W3ZPP reported he needed net controls - at least one to replace W3SRU. W3HNP agreed to volunteer.

Membership (W3IIN)

George De Simont, K3YOD reported as a new member. Paul Truax will be voted on at the mid month meeting

Attendance N2RM presented visitors.

W3AA reported on the health of W3IRS and W3SGR. IRS will have to go back to the hospital in a week and Carl is doing better.

Repeater (W3BBB)

Jim will check on encoder. He wants to hear from anyone who hears an interruption of audio on the repeater.

W3TKQ (W3PWG)

Rolly got W3AA's license plate for TKQ's call letter license plate collection.

Dave Wertz reported that on the 17th of April there will be a 10k run for the Vietnam Memorial Veterans Association. Six people are needed for communications. Probably 300 to 600 runners will be involved.

W3BBB reported that there will be 2000 units of 6 meter capable FM equipment available from Pen Dot (43 to 53 Mhz). The hybrid tube/transistor 100 watt will cost \$25 and all solid state \$50.

Roger, K3TYB wanted to know if anyone knew of W3JN who recently became a Silent Key.

Mocom (N3DHI)

Vehicle is due for inspection. He also needs a party formed for washing and waxing.

WB3CMM gave a talk on towers - for those who feel they need a tower/towers.

Meeting was adjourned at 9:20 pm.

Respectfully Submitted

Robert R. Moore, N2RM, Secretary

from the rear seat - - -

Ok, so I'm not on the rear seat, since my annual date with the IRS, I'm not so sure just where I am, but, everybody keeps telling me that'll be easier next year, that is, since I've retired. Well, it's possible.

Say, have you guys 'n' dolls forgotten the free membership and part-paid memberships that are available?! Ask SGR about it. This is a new year, well, almost new, so, get your manuscript together; and get it in the BLURB. And it needn't always be about ham radio, although that would be nice. If we don't get it in time for this(May) month, there's always next month, but don't leave it go until Dec., it would be much nicer NOW!

73, w 3p st

*** UPDATE ***

MAY 2 General Meeting

May 18 Directors' meeting at
KA3AND & N3FTC's

--- * ---

JUNE 6 General Meeting

June 15 Directors' meeting at
N3EAY & KA3RLD's

--- * ---

JULY 11 General Meeting

July 13 Directors' meeting at
W3888's

--- * ---

Jul 16-17 **PADDLERAMA!**

(215) 448-1139

Net Control operators: remember to announce this number on each net!

READ ME

Due to the Independence Day holiday, our general meeting and license examinations will be held on the **SECOND MONDAY** of July.

HAMFESTS

We will print an ongoing schedule of Hamfests based on information received. Please help us keep our list current. If you don't see your favorite event listed here, it's because YOU didn't send it to W3IIM prior to the BLURB deadline!

--- * ---

APR 29-30, DAYTON HAMVENTION
MAY 1

--- * ---

MAY 1 DREXEL HILL, PA
Delaware County ARC
147.36 224.50

--- * ---

MAY 15 TAMAQUA, PA
Tamaqua Xet'g Society
146.67 147.105

--- * ---

MAY 15 WRIGHTSTOWN, PA
Warminster ARC
147.09 146.52

--- * ---

JUL 31 BALTIMORE (BRATS)

--- * ---

AUG 28 MULLICA HILL, NJ
Gloucester County ARC
4H Fairgrounds,
147.18 146.52

--- * ---

SEP 24-25 YORK HAMFEST

--- * ---

NO PARKING

Rolly announced recently that ground-breaking for the new Franklin Institute wing will take place on May 2nd, and, during construction, there will be no off-street parking available.

Car-pooling is strongly recommended!



MAY BIRTHDAYS

02-CLAUDE HARING, Jr. - W3IIM
-GERALD J. ZULEWSKI - WB2VIE
05-CHARLES J. ELLIS - KB2AZW
06-MILDRED STOUTH (XYL W3ZFP)
08-WILLIAM H. WIAND - N3WW
09-JOAN BOREEN - N3ELW
-JAMES J. RODGERS - W3AWG
11-MARGARET WIAND (XYL N3WW)
12-ROBERT HENDERSON - KA3MHO
15-E. W. HALDEMAN - W3PST
17-DOTTIE TRUEAX (XYL N2HXZ*)
20-ROBERT F. FIELD - WA3INW
22-WINNIE MILLER - K3RAB
26-BONNIE BRENNER - WB3GBN
27-JACK KENNEDY (OM K3FXP)
30-WILLIAM F. CHEDEVILLE - W3GQD

*NEW MEMBER

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

RENEWAL TIME

W3ADV...GET THAT 610 FORM MOVING!

NEW DIRECTORY

IF ALL WENT AS PLANNED, YOUR 1988 DIRECTORY WAS INCLUDED WITH THIS MONTHS BLURB (I HOPE). ANY ERRORS? IF SO, I'M SORRY, LET ME KNOW AND I'LL FIX IT & PRINT THE CORRECTION HERE NEXT MONTH.

....DE WB3KOJ

1988

MAY

1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 2m NCS WB3CMM 10m NCS Anyone 75m NCS W3PWG	2 GENERAL MEETING & LICENSE EXAMS	3 CODE PRACTICE NET	4 SWAP NET	5	6	7
8 2m NCS W3ZPP 10m NCS Anyone 75m NCS W3AOA <i>Mother's Day</i>	9	10 CODE PRACTICE NET	11 SWAP NET	12	13 <i>Shebuoth</i>	14 <i>Statehood of Israel 1948</i>
15 2m NCS KB3JW 10m NCS Anyone 75m NCS W3RCE	16	17 CODE PRACTICE NET	18 SWAP NET DIRECTORS' MEETING at KA3AMO & N3FTC's	19	20 <i>Lindberg's Flight 1927</i>	21
22 2m NCS W3AA 10m NCS Anyone 75m NCS AK2I	23	24 CODE PRACTICE NET	25 SWAP NET	26	27	28
29 2m NCS KA3BET 10m NCS Anyone 75m NCS W3HFY <i>JFK's Birthday</i>	30 <i>Memorial Day</i>	31 CODE PRACTICE NET				